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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

Application No. : 09/614,286  
Filing Date : July 12, 2000  
First Named Inventor : Hiroshi Tanabe  
Group Art Unit : 2812  
Examiner Name :  
Attorney Docket No. : NECK 17.552

Sheet 1 of 1

**U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document	Kind Code if known <sup>2</sup>	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear
TJS		4,724,219		M. Ridinger	02/09/1988	
TJS		5,477,058		T. Sato	12/19/1995	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document Office <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Country	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear
TJS		2,133,618 A	GB	General Electric	07/25/1984	
TJS		0,178,447 A2	EPA	Fujitsu Limited	04/23/1986	
TJS		57-148351	JP	Tokyo Shibaura	09/13/1982	
TJS		63-292619	JP	Fujitsu Ltd.	11/29/1988	
TJS		2-102517	JP		04/16/1990	
TJS		5-142745	JP	Hitachi Ltd.	06/11/1993	
TJS		6-320292	JP	Nippon Steel Corp.	11/22/1994	

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

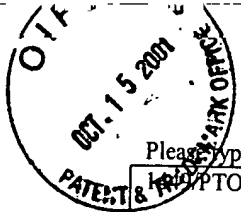
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<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.1<sup>6</sup> if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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Application No. : 09/614,286  
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First Named Inventor: H. TANABE  
Group Art Unit : 2813  
Examiner Name : Timothy J. Sutton  
Attorney Docket No. : NECK 17.552(100806-17282)

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		1 067 593 A2	EP	NEC CORP & SUMITOMO HEAVY INDUSTRIES CO., LTD.	01/10/2001	

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Examiner Signature	<i>Timothy J. Sutton</i>	Date Considered	10/29/01
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TJS		5-90191		JP		04/09/1993	—
TJS		5-182923		JP		07/23/1993	—
TJS		7-99321		JP		04/11/1995	—
TJS		7-118443		JP		12/18/1995	—
TJS		9-7911		JP		01/10/1997	—
TJS		9-148246		JP		06/06/1997	—
TJS		9-17729		JP		01/17/1997	—
TJS		10-116989		JP		05/06/1998	—
TJS		10-149984		JP		06/02/1998	—
TJS		11-17185		JP		01/22/1999	—

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## **OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), data, page(s), volume-issue number(s), publisher, country, where published, source.	Applicant check here if English language translation attached <sup>7</sup>
TJS		MRS. BULLETIN-MARCH 1996, "Crystalline Si Films for Integrated Active-Matrix Liquid-Crystal Displays, James S. Im et al, pages 39-48.	/
TJS		Appl. Phys. Lett. 69 (19), November 4, 1996, American Institute of Physics, "Sequential lateral solidification of thin silicon films on SiO <sub>2</sub> ".	/
TJS		Appl. Phys. Lett. 70 (25), June 23, 1997, American Institute of Physics, "Single Crystal Si films for thin-film transistor devices".	/
TJS		Jpn. J. Appl. Phys. Vol. 34 (1995) pp. 1759-1764 Part 1, No. 4A, April 1995, "Effects of Light Pulse Duration on Excimer-Laser Crystallization Characteristics of Silicon Thin Films".	/
TJS		AM-LCD 97, Digest of Technical Papers 1997 Workshop, September 11-12, 1997, "Improvement of structural and electrical properties in low-temperature gate oxides for poly-Si TFTs by controlling O <sub>2</sub> /SiH <sub>4</sub> ratios.	/
TJS		NEC Corporation 1994, "Excimer Laser Crystallization of Amorphous Silicon Films", Vol. 35, No. 3, pp. 254-260.	/

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